BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

NO:BBMP/EE/YNK.D/EPMT-15/2019-20 Dt:13-1-2020

APPROVED TENDER SCHEDULE –'B'

Package-03

e of Work :-Improvements to Burial ground at yelahanka and kenchenahalli in ward no -01 & 02 of yelahanka Sub division (PACKAGE - 03)

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri.RAJESWAREN SATHEESH (SATHYA CONSTRUCTIONS)	
				Rate	Rate in Words
1	Earthwork in surface excavation for levelling and lowering the ground manually Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1a 2.3.1 KSRB 2-1.1 do Ordinary soil as per the directions of Engineer In Charge	Cum	3686.25	282.37	Two Hundred EightyTwo Paise Thirty Seven Only
2	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. By Mechanical Means C Prestressed Reinforced cement concrete grade M-20 above as per the directions of Engineer In Charge	Cum	66.40	1801.93	One Thousand Eight Hundred One Paise NinetyThree Only

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	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick / Tile work. A. In lime mortar. MORTH Specification No. 202 Dismantling brick/Tile work B. In cement mortar as per the directions of Engineer In Charge	Cum	576.78	398.03	Three Hundred NinetyEight Paise Three Only
4	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick Tile work. A. In lime mortar. MORTH Specification No 202 Dismantling brick Tile work B. In cement mortar as per the directions of Engineer In Charge	Cum	164.64	398.03	Three Hundred NinetyEight Paise Three Only
5	KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry. Rubble stone masonry in cement mortar. as per the directions of Engineer In Charge	Cum	88.32	398.03	Three Hundred NinetyEight Paise Three Only

	KSRB 2-2 Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications as per the directions of Engineer In Charge	Cum	1128.98	339.07	Three Hundred ThirtyNine Paise Seven Only
7	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications as per the directions of Engineer In Charge	Cum	790.28	137.21	One Hundred ThirtySeven Paise TwentyOne Only
8	KSRB 2.8 : Providing and Filling in foundation with granite trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS 2.10.2 as per the directions of Engineer In Charge	Cum	183.24	2754.49	Two Thousand Seven Hundred FiftyFour Paise FourtyNine Only
9	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC 220kgs, with 40mm and down size graded granite metal coarse aggregates 0.892cum and fine aggregates 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 as per the directions of Engineer In Charge	Cum	117.77	5890.00	Five Thousand Eight Hundred Ninety Only
10	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 - do - cement mortar 1:6 KBS 5.1.13 as per the directions of Engineer In Charge	Cum	214.65	5211.86	Five Thousand Two Hundred Eleven Paise EightySix Only

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ಜ. ಮುಖ್ಯ ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು ಬಿ.ಬಿ.ಎಂ.ಪಿ ರವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಕಳುಹಿಸಿದೆ.

	SRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 as per the directions of Engineer In Charge	Cum	37.35	6217.72	Six Thousand Two Hundred Seventeen Paise SeventyTwo Only
12	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications. as per the directions of Engineer In Charge	Sqm	166.00	158.76	One Hundred FiftyEight Paise SeventySix Only
13	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC 240kgs, with 20mm and down size graded granite metal coarse aggregates 0.878 cum and fine aggregtes 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials labour HOM curing complete as per specifications. Specification No. KBS 4.1 4.2 as per the directions of Engineer In Charge	Cum	11.54	6148.55	Six Thousand One Hundred FourtyEight Paise FiftyFive Only
14	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC 320kgs, with 20mm and down size graded granite metal coarse aggregates 0.69cum and fine aggregtes 0.460 cum, with super plasticisers 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 as per the directions of Engineer In Charge	Cum	400.62	6417.31	Six Thousand Four Hundred Seventeen Paise ThirtyOne Only

	SRB 4.9.2 : Providing T.M.T steel einforcement for R.C.C work TMT bars Fe500 including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 as per the directions of Engineer In Charge	Tonne	36.79	80475.44	Eighty Thousand Four Hundred SeventyFive Paise FourtyFour Only
16	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 as per the directions of Engineer In Charge	Sqm	535.14	292.57	Two Hundred NinetyTwo Paise FiftySeven Only
17	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 as per the directions of Engineer In Charge	Sqm	914.04	292.57	Two Hundred NinetyTwo Paise FiftySeven Only
18	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 as per the directions of Engineer In Charge	Sqm	756.00	319.79	Three Hundred Nineteen Paise SeventyNine Only

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	RB 5-14.1 Providing and constructing ad bearing wall with solid concrete blocks aving block of size 400x200x200mm ensity not less than 1800kgm3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 as per the directions of Engineer In Charge	Sqm	1219.84	1034.21	One Thousand ThirtyFour Paise TwentyOne Only
20	KSRB15-3 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. as per the directions of Engineer In Charge	Sqm	2439.69	327.73	Three Hundred TwentySeven Paise SeventyThree Only
21	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. as per the directions of Engineer In Charge	Sqm	2439.69	98.66	NinetyEight Paise SixtySix Only

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	bricating, providing and erecting in biston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be mixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providing two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes etc as per specification and drawings. as per the directions of Engineer In Charge	Kgs	2754.00	168.97	One Hundred SixtyEight Paise NinetySeven Only
23	KSRB 9.4-1 Providing Mathi/Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33 as per the directions of Engineer In Charge	Cum	0.21	71903.54	SeventyOne Thousand Nine Hundred Three Paise FiftyFour Only
24	KSRB 9.5 : Providing and fixing in position fully panelled Mathi/nandi wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 as per the directions of Engineer In Charge	Sqm	7.88	4313.74	Four Thousand Three Hundred Thirteen Paise SeventyFour Only
25	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications as per the directions of Engineer In Charge	Sqm	63.00	70.31	Seventy Paise ThirtyOne Only

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	RB 7.9 : Providing and fixing M.S.grill rk for windows and ventilators using .S. flats, or M.S. square rods, or mbination of M.S. flats and square rods per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12 as per the directions of Engineer In Charge	Kgs	113.40	107.73	One Hundred Seven Paise SeventyThree Only
27	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. With 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or	Sqm	5.40	4918.16	Four Thousand Nine Hundred Eighteen Paise Sixteen Only
28	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications, as per the directions of Engineer In Charge	Sqm	10.80	107.73	One Hundred Seven Paise SeventyThree Only

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	oviding and fixing Vitrified glazed tiles of pproved make, quality & colour of size 00 x 600 x 10mm thick fixed on existing looring with special adhesive for flooring, tting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, cost of materials, mortar, labour etc., complete as per specification. as per the directions of Engineer In Charge	Sqm	51.02	1085.24	One Thousand EightyFive Paise TwentyFour Only
30	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 as per the directions of Engineer In Charge	Nos	2.00	7742.95	Seven Thousand Seven Hundred FourtyTwo Paise NinetyFive Only
31	Fabrication, providing and erecting in position Hot dip galvanised Gate using 72 x72 x 4mm Sq. GI Pipe frame with top pipe bending in heavy hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised Sq. rod for verticals at 150mm c/c, as shown in the drawing including providing ho dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 72x12mm and 50x6mm arch bent to hot dip galvanised flats the work is inclusive of troughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq rods, GI gorged designs etc., heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in three places for each flop. Heavy duty locking arrangements at two places including cost of labour, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer-in-	Sqm	13.00	13098.75	Thirteen Thousand NinetyEight Paise SeventyFive Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
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